Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (ORIGINAL) An inbred tomato seed designated 294 wherein a sample of said seed has been deposited under ATCC Accession No. _____.

2. (ORIGINAL) A tomato plant, or parts thereof, produced by growing the seed of claim 1.

3. (ORIGINAL) Pollen of the plant of claim 2.

4. (ORIGINAL) An ovule or ovules of the plant of claim 2.

5. (ORIGINAL) A tomato plant, or parts thereof, having all of the physiological and morphological characteristics of the tomato plant of claim 2.

6. (CANCELED)

7. (ORIGINAL) A tissue culture of regenerable cells of a tomato plant of claim 2.

8. (CURRENTLY AMENDED) The tissue culture of claim 7, selected from the group consisting of protoplast and calli, wherein the regenerable cells are derived from embryos, protoplasts, meristematic cells, callus, pollen, leaves, anthers, stems, petioles, roots, root tips, fruits, seeds, flowers, cotyledons, --or-- hypocotyls

9. (ORIGINAL) A tomato plant regenerated from the tissue culture of claim 7, capable of expressing all the morphological and physiological characteristics of inbred tomato line 294, representative seeds having been deposited under ATCC number ____.

10. (ORIGINAL) A method for producing a hybrid tomato seed comprising crossing a first inbred parent tomato plant with a second inbred parent tomato plant and harvesting the resultant hybrid tomato seed, wherein said first or second parent tomato plant is the tomato plant of claim 2.

11 - 32. (CANCELED)

33. (NEW) A method of producing a transgenic tomato plant comprising transforming the tomato plant of claim 2 with a transgene wherein the transgene confers a characteristic selected from the group consisting of : herbicide resistance, insect resistance, resistance to bacterial disease, resistance to fungal disease, resistance to viral disease, male sterility, improved nutritional quality, improved pulp quality, improved juice quality, improved ripening control and improved flooding tolerance.

34. (NEW) A transgenic tomato plant produced by the method of claim 33.

35. (NEW) A method of producing an herbicide resistant tomato plant comprising transforming the tomato plant of claim 2 with a transgene that confers herbicide resistance.

36. (NEW) An herbicide resistant tomato plant produced by the method of claim 35.

37. (NEW) A method of producing an insect resistant tomato plant comprising transforming the tomato plant of claim 2 with a transgene that confers insect resistance.

38. (NEW) An insect resistant tomato plant produced by the method of claim 37.

39. (NEW) A method of producing a disease resistant tomato plant comprising transforming the tomato plant of claim 2 with a transgene that confers resistance to bacterial, fungal or viral disease.

40. (NEW) A disease resistant tomato plant produced by the method of claim 39.

41. (NEW) A method of producing a male sterile tomato plant, comprising transforming the tomato plant of claim 2 with a transgene that confers male sterility.

42. (NEW) A male sterile tomato plant produced by the method of claim 41.

43. (NEW) A method of producing a tomato plant which produces fruits whose pulp or juice exhibits improved viscosity, comprising transforming the tomato plant of claim 2 with a transgene that confers improved viscosity to the pulp or juice of tomato fruits.

44. (NEW) A tomato plant which produces fruits whose pulp or juice has improved viscosity, said plant produced by the method of claim 43.

45. (NEW) A method of producing a tomato plant with improved ripening control, comprising transforming the tomato plant of claim 2 with a transgene that confers improved ripening control.

46. (NEW) A tomato plant with improved ripening control produced by the method of claim 45.

47. (NEW) A method of producing a tomato plant with improved flooding tolerance, comprising transforming the tomato plant of claim 2 with a transgene that confers improved flooding tolerance.

48. (NEW) A tomato plant with improved flooding tolerance produced by the method of claim 47.

49. (NEW) A method for producing a single gene converted tomato plant comprising backcrossing the tomato plant of claim 2 with another tomato plant wherein the single gene transferred into the tomato plant of claim 2 confers a characteristics selected from the group consisting of: herbicide resistance, insect resistance, resistance to bacterial disease, resistance to fungal disease, resistance to viral disease, male sterility, improved nutritional quality, improved pulp quality, improved juice quality, improved ripening control and improved flooding tolerance.

50. (NEW) A single gene converted tomato plant produced by the method of claim 49.

51. (NEW) A hybrid tomato seed wherein fifty percent of its genome originates from the pollen of claim 3.

52. (NEW) A hybrid tomato seed wherein fifty percent of its genome originates from the ovule of claim 4.